

## Bronx Community College

### Five-Year Capital Plan FY 2019-20 through FY 2023-24

Projects in priority order / costs in \$ thousands

Project Name	FY 19-20		FY 20-21		FY 21-22		FY 22-23		FY 23-24		Five-Year Need
	Phase	Need	Phase	Need	Phase	Need	Phase	Need	Phase	Need	
(B) Campus-Wide Fire Alarm Replacement	DC	\$8,500	C	\$6,000	C	\$6,000	C	\$4,005			\$24,505
(B) Campus-Wide Roofing	DC	\$6,000	C	\$2,932							\$8,932
(B) Window Replacement Colston-Community Halls	DC	\$6,000	C	\$13,000							\$19,000
(B) Campus-Wide Utility Upgrades Ph. 6	C	\$30,000									\$30,000
(B) Technology Infrastructure Modernization	DC	\$3,000	C	\$3,000	C	\$3,000	C	\$2,000			\$11,000
(B) Alumni Gym Upgrades			DC	\$1,000	C	\$8,000					\$9,000
(B) Carl Polowczyk Hall Envelope Rehabilitation			DC	\$8,500							\$8,500
(B) Community Hall Renovation							DCE	\$7,000			\$7,000
(B) Guggenheim Hall Envelope							DC	\$5,000			\$5,000
(B) Accessibility Upgrades			DC	\$3,500	C	\$10,000	C	\$9,200			\$22,700
(B) Instructional Buildings Infrastructure Upgrades			DC	\$3,000	C	\$3,000	C	\$7,140			\$13,140
(B) Nichols Hall Infrastructure Upgrade			DC	\$9,600							\$9,600
(B) Campus-Wide Site Rehabilitation							DC	\$9,400			\$9,400
<b>Subtotal</b>		<b>\$53,500</b>		<b>\$50,532</b>		<b>\$30,000</b>		<b>\$43,745</b>		<b>\$0</b>	

**Five-Year Plan Total**

**\$177,777**

### Project Descriptions

<p><b>Campus-Wide Fire Alarm Replacement</b></p> <p>This project will replace fire alarm systems in the 18 remaining campus buildings that have antiquated systems. The line-voltage fire alarm system in each building will be replaced with new solid-state, low-voltage systems. The existing fire alarm systems in these buildings are increasingly difficult to maintain, and replacement parts are difficult to obtain. Eventually, the fire alarm systems will be beyond repair and cease to function (in the event of failure, fire watch services will be provided). Previous capital funding has been used to upgrade systems in 11 other buildings. Priority buildings for fire alarm system replacement are Nichols Hall, Bliss Hall, Alumni Gym, Gould Residence Hall, Guggenheim Hall and Philosophy Hall.</p> <p><b>Anticipated Completion: January 2025</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$29,500</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$4,995</p> <p>Five-Year Need</p> <p style="text-align: right;">\$24,505</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>
<p><b>Campus-Wide Roofing</b></p> <p>This project will replace deteriorated roofs on 15 of the college's 34 buildings and carry out related masonry, window and door upgrades. This project is part of an ongoing cycle of envelope upgrades to ensure building integrity and protect the city and state's capital resources and investment. At each of these 15 buildings, the roof has exceeded its useful life and has been subject to water infiltration, causing interior deterioration. Existing funding is being used to replace roofs on Gould Memorial Library, Havemeyer Lab, Roscoe Brown Student Center and New Hall. The next priorities for roof replacement include: Bliss Hall, Philosophy Hall, Alumni Hall and Meister Hall.</p> <p><b>Anticipated Completion: September 2024</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$25,000</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$16,068</p> <p>Five-Year Need</p> <p style="text-align: right;">\$8,932</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>

Note: (B) = Bonded Funding, (R) = Minor Rehabilitation Funding  
A = Acquisition, D = Design, C = Construction, E = Equipment

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<p><b>Window Replacement Colston-Community Halls</b></p> <p>This project will replace the windows in Colston and Community Halls, which have deteriorated beyond repair. The windows are not energy-efficient and a failed energy coating applied in the 1970's has made it difficult to see out the windows. The project will also install ADA-compliant doors in Colston and Community Halls. Colston Hall is the second largest building on campus and houses 42 teaching rooms, faculty for 6 departments, and the Business Office. Community Hall is the largest space for public assembly on campus.</p> <p><b>Anticipated Completion: January 2022</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$19,000</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$0</p> <p>Five-Year Need</p> <p style="text-align: right;">\$19,000</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>
<p><b>Campus-Wide Utility Upgrades Ph. 6</b></p> <p>Phase 5, fully funded and designed, is expected to begin construction in early 2019 and will install electric cables from the new electric service building to each campus building and provide all necessary equipment to complete the new campus electric service. Phase 6, the final phase of the Campus-wide Utilities Upgrades project, will replace the three boilers and associated equipment in the campus central heating plant, which are 40 years old and past their useful lives. In addition, the underground fuel oil storage tanks and piping that supply the boilers have exceeded their life expectancy and will be replaced.</p> <p><b>Anticipated Completion: September 2020</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$30,000</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$0</p> <p>Five-Year Need</p> <p style="text-align: right;">\$30,000</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>
<p><b>Technology Infrastructure Modernization</b></p> <p>Modernizing the college's network infrastructure will provide an opportunity to correct severe deficiencies of the existing system while improving network performance, stability, resiliency and security to deliver reliable, high-quality services to the college's users into the foreseeable future. The project will provide redundancy in fiber to primary and secondary data centers. The project also will provide distribution and access layer switches to 10 GB per second with power over Ethernet service to all buildings on campus, and provide a secondary failover network core switch in the secondary data center at Colston Hall. This new core switch will provide connectivity to the campus in a disaster/failure. The project will also include air conditioning required to maintain viability of this equipment.</p> <p><b>Anticipated Completion: January 2021</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$11,000</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$0</p> <p>Five-Year Need</p> <p style="text-align: right;">\$11,000</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>
<p><b>Alumni Gym Upgrades</b></p> <p>This project will upgrade Alumni Gym, which is an invaluable academic and recreational resource for the college's students. The project will restore the building envelope and make the building fully accessible by providing an elevator, re-configuring circulation, and upgrading bathrooms, showers, and lockers for full accessibility. The project will also provide air conditioning for the building, taking advantage of the new utility lines for chilled water and medium temperature hot water that were installed under the Campus-Utility Upgrade project.</p> <p><b>Anticipated Completion: January 2022</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$9,000</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$0</p> <p>Five-Year Need</p> <p style="text-align: right;">\$9,000</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>

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<p><b>Carl Polowczyk Hall Envelope Rehabilitation</b></p> <p>Carl Polowczyk Hall is one of the larger buildings on campus; it contains 20 classrooms, three labs, the Academic Computing Center, and houses the following departments: Physics, Engineering, and Technology; Mathematics and Computer Science; and Nursing and Allied Health. The building has had little improvement to its exterior since it was built in 1960. This project will upgrade the deteriorated exterior envelope. The building has inefficient, single-glazed windows and chipped and spalling concrete around all four sides of its exterior. Elements to be replaced include the roof, windows, and exterior doors, concrete masonry on the façade, exterior entry stairs, and building entrance canopies.</p> <p><b>Anticipated Completion: January 2023</b></p>	<p><b>Total Project Cost</b> \$8,500</p> <p>Prior Funding Received \$0</p> <p>Five-Year Need \$8,500</p> <p>Funds to Complete \$0</p>
<p><b>Community Hall Renovation</b></p> <p>This project will upgrade Community Hall which has had few improvements since it was built 50 years ago. The project will provide upgrades to the mechanical, electrical, plumbing and telecommunication systems in the building, including air-conditioning the first floor which currently has no cooling in the summer and contains the largest public assembly space on campus. The project will also demolish the former offices of the Bursar on the second floor, improving circulation to Colston Hall and providing a multi-purpose space to serve as student lounge, meeting and activity space, consistent with the college's 2007 Master Plan. The project will also provide for full ADA accessibility and make improvements to the exterior of the building as required by a Local Law 11 Cycle 7.</p> <p><b>Anticipated Completion: July 2024</b></p>	<p><b>Total Project Cost</b> \$7,000</p> <p>Prior Funding Received \$0</p> <p>Five-Year Need \$7,000</p> <p>Funds to Complete \$0</p>
<p><b>Guggenheim Hall Envelope</b></p> <p>This project will provide critically needed upgrades to Guggenheim Hall. This will include removal and replacement of existing roofing, flashings and roof drains at all three levels of roofing. The project will rebuild the parapet around the top roof and lowest roof and replace coping stone. Exterior masonry will be restored and repointed. All windows and rusted lintels will be replaced. Access to the building will be improved by replacing the exterior entrance stairs with a concrete entrance ramp and stair which will provide safe and compliant access. Plumbing upgrades will include replacement of the building's domestic hot and cold water risers that are at the point of failure, jeopardizing the continuing function of its bathroom facilities.</p> <p><b>Anticipated Completion: January 2024</b></p>	<p><b>Total Project Cost</b> \$5,000</p> <p>Prior Funding Received \$0</p> <p>Five-Year Need \$5,000</p> <p>Funds to Complete \$0</p>
<p><b>Accessibility Upgrades</b></p> <p>This project will provide accessible improvements at multiple buildings across the campus to improve access for all students, faculty and staff. This will include comprehensive building accessibility improvements, including building entries, vertical circulation, bathroom renovation and other associated improvements. ADA-compliant elevators will be added to Bliss Hall, Meister Hall, Loew Hall, Guggenheim Hall, Gould Residence Hall and Gould Memorial Library. The project also includes accessibility upgrades for critical program facilities at-grade, including ramps and entry area reconfiguration as well as accessible bathroom renovations and associated accessibility improvements at four buildings: South Hall, New Hall, Havemeyer Annex and Sage Hall.</p> <p><b>Anticipated Completion: January 2023</b></p>	<p><b>Total Project Cost</b> \$22,700</p> <p>Prior Funding Received \$0</p> <p>Five-Year Need \$22,700</p> <p>Funds to Complete \$0</p>

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<p><b>Instructional Buildings Infrastructure Upgrades</b></p> <p>There is a critical need for improved classroom and lab facilities on campus to better serve students. Nearly all of the campus classroom/lab buildings were built by NYU before 1973. This project will upgrade building systems in the larger classroom buildings, including Carl Polowczyk Hall, Bliss Hall and New Hall. The need is critical because of the transformation of Bronx Community College to an ASAP (Accelerated Study in Associate Programs)-only institution. As the college's successful ASAP program is expanded to all full-time students, there is a critical need for quality instructional facilities and the building infrastructure that supports them, including electrical, telecommunications, and select HVAC and plumbing systems.</p> <p><b>Anticipated Completion: January 2023</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$13,140</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$0</p> <p>Five-Year Need</p> <p style="text-align: right;">\$13,140</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>
<p><b>Nichols Hall Infrastructure Upgrade</b></p> <p>This project will provide critically needed upgrades to Nichols Hall's systems: electrical, telecommunications, HVAC and plumbing. In addition, minor architectural modifications will be made to accommodate these system improvements and current use. These improvements will allow Nichols Hall to better serve as a center of activity related to the ASAP program, including testing center, ASAP advisement offices, ASAP administrative offices, First Year Seminar program offices, and classrooms designed to serve the changing student population as the ASAP program expands.</p> <p><b>Anticipated Completion: January 2023</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$9,600</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$0</p> <p>Five-Year Need</p> <p style="text-align: right;">\$9,600</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>
<p><b>Campus-Wide Site Rehabilitation</b></p> <p>This project will rehabilitate the sidewalks, paved surfaces and deteriorating masonry steps leading to many of the buildings on campus. Site conditions pose tripping hazards and other safety concerns. The project will be coordinated with installation of light poles, security cameras and signage.</p> <p><b>Anticipated Completion: January 2025</b></p>	<p><b>Total Project Cost</b></p> <p style="text-align: right;"><b>\$9,400</b></p> <p>Prior Funding Received</p> <p style="text-align: right;">\$0</p> <p>Five-Year Need</p> <p style="text-align: right;">\$9,400</p> <p>Funds to Complete</p> <p style="text-align: right;">\$0</p>

## Bronx Community College

### City Reso-A Requests FY 2020 (City Council and Borough Presidents)

In priority order / costs in \$ thousands

<p><b>Ohio Field and Track Restoration</b> <span style="float: right;"><b>Phase: C</b></span></p> <p>The college has one main sports field which is prominently located in the center of the campus. The field, which was originally installed in the late 1800's, before modern soil compacting machinery, has been experiencing increasing erosion and sinkholes and requires significant work to address the sinkhole and drainage issues, stabilize the soil, and re-grade the infield and outfield. This work is critical to successfully completing the replacement of the 400-meter track around the field. The project has received \$500,000 recently from the borough president along with a state match.</p> <p><b>Anticipated Completion: January 2021</b></p>	<p><b>FY 2020 City Request</b> <b>\$1,250</b></p> <p><b>State match</b> <b>\$1,250</b></p>
<p><b>Carl Polowczyk Hall Upgrades</b> <span style="float: right;"><b>Phase: DC</b></span></p> <p>Carl Polowczyk Hall is the 5th largest building on the campus and contains primarily sciences (Departments of Engineering, Physics, and Technology; Math and Computer Science; and Nursing and Allied Health, including Radiological Technology) and will be the home to the new Cybersecurity Program. The building requires significant upgrade and expansion to the electrical, heating, ventilation and air-conditioning systems to address health and safety and improve energy efficiency. The lower level of the building will accommodate a planned childcare-program expansion to provide space for additional children.</p> <p><b>Anticipated Completion: January 2022</b></p>	<p><b>FY 2020 City Request</b> <b>\$3,000</b></p> <p><b>State match</b> <b>\$3,000</b></p>
<p><b>Elevator Upgrades</b> <span style="float: right;"><b>Phase: DC</b></span></p> <p>This project will initiate a campus-wide elevator replacement program. Twelve elevators have been identified as in need of replacement: four in Colston Hall, one in Community Hall, one in Carl Polowczyk Hall, one in Roscoe Brown Student Center, one in Nichols Hall, and four in Meister Hall. The elevators are antiquated, marginally functional, not fully ADA-accessible and have experienced ongoing repair issues. First priority is Colston Hall, one of the busiest buildings on campus.</p> <p><b>Anticipated Completion: August 2021</b></p>	<p><b>FY 2020 City Request</b> <b>\$1,000</b></p> <p><b>State match</b> <b>\$1,000</b></p>
<p><b>City Reso-A Request FY 2020 Total</b> <span style="float: right;"><b>\$5,250</b></span></p>	